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(54) Title: POLYPROPYLENE HAVING IMPROVED LONG CHAIN BRANCHING			
(57) Abstract  Polypropylene having improved long chain branching increased melt strength obtained by irradiating polypropylene with an electron beam having an energy of at least 5 MeV and with a radiation dose of from 5 to 100 kGray in the presence of a grafting agent, the branching index of the obtained polypropylene being lower than 0.7.			

## ABSTRACT

# POLYPROPYLENE HAVING IMPROVED LONG CHAIN BRANCHING

Polypropylene having improved long chain branching increased melt strength obtained by irradiating polypropylene with an electron beam having an energy of at least 5 MeV and with a radiation dose of from 5 to 100 kGray in the presence of a grafting agent, the branching index of the obtained polypropylene being lower than 0.7.